Integrated Algebra - August '09

15 What is the slope of the line that passes through the points (–5,4) and (15,–4)?

(1) $-\frac{2}{5}$ (3) $-\frac{5}{2}$

(2) 0 (4) undefined

27 What is an equation of the line that passes through the point (3,–1) and has a slope of 2?

(1) $y = 2x + 5$ (3) $y = 2x - 4$

(2) $y = 2x - 1$ (4) $y = 2x - 7$

Integrated Algebra - June '09

22 What is an equation of the line that passes through the point (4,–6) and has a slope of –3?

(1) $y = -3x + 6$ (3) $y = -3x + 10$

(2) $y = -3x - 6$ (4) $y = -3x + 14$

Integrated Algebra - January '09

10 What is an equation of the line that passes through the points (3,–3) and (–3,–3)?

(1) $y = 3$ (3) $y = -3$

(2) $x = -3$ (4) $x = y$

13 What is the slope of the line that passes through the points (2,5) and (7,3)?

(1) $-\frac{5}{2}$ (3) $\frac{8}{9}$

(2) $-\frac{2}{5}$ (4) $\frac{9}{8}$

Integrated Algebra - June '08

20 What is the slope of the line that passes through the points (–6,1) and (4,–4)?

(1) –2 (3) $-\frac{1}{2}$

(2) 2 (4) $\frac{1}{2}$

Integrated Algebra Sampler - Fall '07

13 What is an equation for the line that passes through the coordinates (2,0) and (0,3)?

(1) $y = -\frac{3}{2}x + 3$ (3) $y = -\frac{2}{3}x + 2$

(2) $y = -\frac{3}{2}x - 3$ (4) $y = -\frac{2}{3}x - 2$

16 What is the slope of the line containing the points (3,4) and (–6,10)?

(1) $\frac{1}{2}$ (3) $-\frac{2}{3}$

(2) 2 (4) $-\frac{3}{2}$